## **BOTANY 2016**

## John Rodgers

A mild if wet winter saw some very early records; Lesser Celandine, Red Campion, Red and White Deadnettle and Winter Heliotrope all appeared within the first fortnight of January. Sweet Violets were flowering in the middle of March and Bluebells, Primroses and Cowslips were reported in early April, though there didn't seem to be as many of the latter as in 2015. Moschatel and Wood Anenome were found in Barnsdale Wood and elsewhere, but there were no records of Winter Aconites unlike other years. Late April saw Cuckoo Flower in Clipsham Park Wood and Common Spotted Orchid there by mid May. There were a few Pyramidal Orchids reported from other sites but on the verges around Luffenham Heath Golf Club Anne Tomlinson counted 484 spikes. No Butterfly Orchids have been seen but there was one record of Southern Marsh Orchid at Ketton Quarry in June. One uncommon flower was Flixweed, one of the yellow crucifers, found on a Great Casterton verge. Guy Messenger, in his Flora of Rutland (1971), says he has no recent record in Rutland.

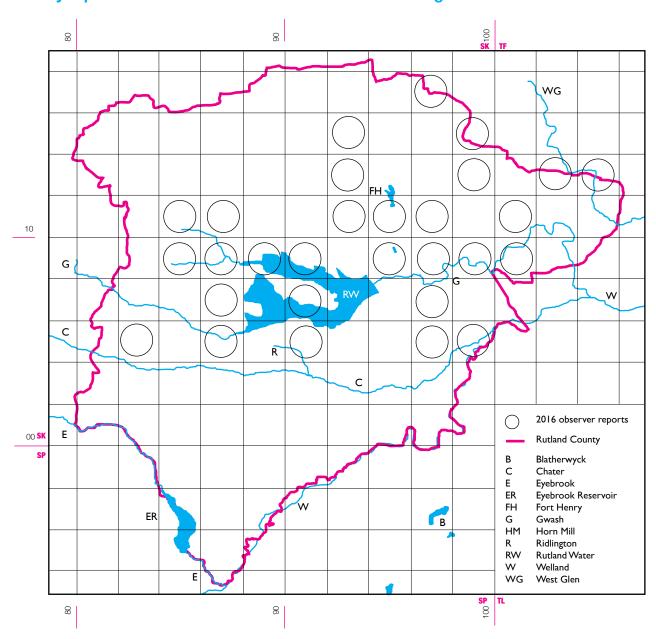
We haven't got an easy means of comparing year by year to see if plants have newly appeared or have disappeared. Perhaps that is something to work on. I have looked up the Annual Report for 1976, 40 years ago, to see what was commented on then. Unfortunately there isn't a full list of records but it is interesting to see that there were Butterfly Orchids, and two specimens of Bird's Nest Orchid though apparently one was 'dug up and removed, by some unprincipled person', as Mrs Buchanan records it. There were several findings of Common Star of Bethlehem but not of another member of the Lily family, Yellow Star of Bethlehem, which was recorded in 1985 in the Stocken area. Two colleagues from Leicester and the local BSBI looked for this plant earlier this year but without luck.

There were 291 species recorded in 2016, records being submitted by 20 individuals. This was a few more than in 2014 (202) but fewer than the 402 received in 2015, although this figure was helped by two surveys conducted by the local BSBI branch. The number of verges surveyed also fell again, which is a shame, but we rely on the keenness and willingness of a small number of people: we need more.

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## Botany reports for 2016 were received from the following areas



Agrimony Agrimonia eupatoria v4, v5, v6, v7, v16, BOQ, CQ, KQ, QF

Alder Alnus glutinosa **RWEgl** ν7 **Annual Meadow Grass** Poa annua

Ash Fraxinus excelsior v7, BOQ

Autumn Gentian Gentianella amarella BOQ, CQ, KQ

Autumn Hawkbit Scorzoneroides autumnalis v4, v5, BOQ, CPW, KQ, QF Barren Strawberry Potentilla sterile BOQ, BW, CPW, KQ, PC

Bee Orchid Ophrys apifera BOQ, KQ, QF Betony Stachys officinalis v6, v16, ClipYTA

Bird's Foot Trefoil Lotus corniculatus v4, v5, v7, BOQ, KQ, MThorpe, QF

Black Bryony Tamus communis v7, BOQ

Black Horehound Ballota nugra v4, v6, v7, QF

Black Medick Medicago lupulina v4, v7, BOQ, CPW, KQ, QF

Blackthorn Prunus spinosa BOQ, BW, v4, v5, v6, v7, BarnsW, CQ, QF

**Bladder Campion** Silene vulgaris v4, v7, CPW, QF

Blue Fleabane Erigeron acer CQ, QF

Bluebell Hyacinthoides non-scripta v7, BarnsW, BW, CPW, CW, OC

Bog Stitchwort Stellaria alsine PC Box BW Buxus sempervirens

Bracken v7, CPW Pteridium aquilinum

Bramble v4, v7, v16, CPW, QF Rubus fructicosus agg

Bristly Ox-tongue Helminthotheca echioides QF, RWEgI **Broad-leaved Willowherb** Epilobium montanum CPW, PC Broad-leaved Dock Rumex obtusifolius v7, CPW Brooklime Veronica beccabunga **PGW** 

Bugle BW, CPW, CW, PC Ajuga reptans **Bulbous Buttercup** Ranunculus bulbosa v5, v7, KQ, Oak

Bulrush Typha latifolia QF, RWEgI

**Burnet Saxifrage** Pimpinella saxifraga v5, v7, BOQ, KQ, QF **Bush Vetch** CPW, MThorpe, Oak, PC Vicia sepium

Carline Thistle Carlina vulgaris BOQ, CQ, KQ

Charlock Sinapis arvensis GtCast

Cleavers Galium aparine v7, CPW, KQ, OC, PC

Clustered Bellflower Campanula glomerata v16, BOQ

Cock's-foot Dactylis glomerata v7, CPW, KQ, QF

BW, CPW, CQ, KQ, OC, QF, TunnW Coltsfoot Tussilago farfara

Common Broomrape Orobranche minor v4, QF Common Catsear KQ Hypochaeris radicata

Common Centaury Centaurium arythraea v16, CPW, KQ, QF

Common Chickweed Stellaria media Oak Common Club Rush Schoenoplectus lacustris QF

Common Dog Violet Viola riviniana BW, CPW, CW, KQ, PC

**CPW** Common Eyebright Euphrasia nemorosa

Common Field Speedwell v5, v, v7, v16, CPW, GtCast Veronica persica

Common Figwort Scrophularia nodosa CPW, CQ

Common Fumitory Fumaria officinalis QF Common Gorse Ulex europaeus KQ

Common Gromwell Lithospermum officinale BOQ, CQ

Common Hawthorn Crataegus monogyna v5, v7, BOQ, KQ, PC, QF, RWEgl Common Knapweed Centaurea nigra v4, v5, v6, v7, v16, BOQ, CQ, KQ, QF

ν7 Common Mallow Malvia sylvestris

Common Milkwort Polygala vulgaris BOQ, CQ, KQ v7, CPW, KQ Cerastium fontanum Common Mouse-ear

Common Nettle Urtica dioica BOQ, CPW, KQ, QF, RWEgI

Common Ragwort Senecio jacobaea v4, v5, v16, BOQ, KQ, QF, RWEgl

Common Reed Pragmites australis QF

Common Rock-rose Helianthemum nummularium v7, BOQ Common Sorrel Rumex acetosa v7, CPW

Common Spotted Orchid Dactylorhiza fuchsii BOQ, CPW, KQ, PGtW, QF, Ryll

BOT Common Storksbill Erodium cicutarium

Common Teasel Dipsacus fullonum v5, BOQ, CPW, CQ, QF, RWEgl

Common Toadflax v7, KQ Linaria vulgaris

Common Twayblade Listera ovata BOQ, CQ, KQ Common Valerian Valeriana officinalis CPW, CQ

Common Vetch Vicia sativa KQ, MThorpe, Oak, QF

Common Whitlow-grass Erophila verna Emp, Oak **CPW** Corn Mint Mentha arvensis Corn Sow-thistle Sonchus arvensis ν7

Cow Parsley v5, v7, CW, MThorp, OC, PC Anthriscus sylvestris v4, v5, v6, v16, BarnsW, KQ Cowslip Primula veris

Crack Willow Salix fragilis **RWEgl** 

Creeping Buttercup v7, BOQ, CPW, KQ, OC, PC, QF Ranunculus repens Creeping Cinquefoil Potentilla reptans v4, v7, BOQ, CPW, CQ, KQ, QF

Creeping Thistle Cirsium arvense v4, v5, v6, BOQ, ClipYTA, CPW, KQ, QF

Crested Dog's Tail Cynosurus cristatus QF Crow Garlic Allium vineale

Cuckoo Flower Cardamine pratensis CPW, OC, PC, PGW

**Curled Dock** Rumex crispus v7, CPW, QF **Cut-leaved Cranesbill** Geranium dissectum CPW, QF

Daffodil Narcissus sp v4, v6, v7, BarnsW

Daisy Bellis perennis v4, v5, v7,v16, BW, CPW, CW, GtCast, KQ, QF Dandelion Taraxacum officinale v4, v5, v6, v7, v16, BW, CPW, CW, OC, PC, QF

Dandelion Taraxacum ruderalia KQ



Danish Scurvy-grass Cochlearia danica Oak, Ryll Deadly Nightshade Atropa belladonna BOQ, KQ BOQ, QF Dog Rose Rosa canina

Dog's Mercury Mercurialis perennis v6, v7, v16, BW, BarnsW, ClipYTA, CPW, HambW, PC

Dogwood v7, CQ Cornus sanguinem

**Doves-foot Cranesbill** Geranium molle v5, v7, KQ, OC

Duke of Argyll's tea-tree Lycium barbatum ν7

**Dwarf Thistle** Cirsium acaule BOQ, CQ Early Dog Violet Viola reichenbachiana v6, v16

CPW, PC, PGW Early Purple Orchid Orchis mascula

Elder Sambucus nigra v7, BOQ CQ Enchanter's Nightshade Circaea lutetiana

v4, v5, v6, v7, v16, CQ, KQ, QF Eyebright Euphrasia nemorosa

Fairy Flax Linum catharticum BOQ, CPW, CQ, KQ, QF

False Fox Sedge Carex otrubae CPW, PGW False Oat Grass Arrhenatherum elatius v7, BOQ, QF

Fat Hen Chenopodium album v4

Field Bindweed Convolvulus arvensis v 4, v5, QF

v7, CPW, KQ, OCI, PC Field Forget-me-not Myosotis arvensis

Field Horsetail Equisetum arvense v5, v7, CW, MThorpe, OC, PC

Field Madder GtCast. QF Sherardia arvensis Field Maple Acer campestre v7, RWEgI

ν7 Field Mouse-ear Cerastium arvense

Field Pansy Viola arvensis GtCast, QF Field Poppy Papaver rhoeas v 7, QF Field Rose QF Rosa arvensis

Field Scabious Knautia arvensis v4, v5, v6, v7, v16, BOQ, CQ, KQ, QF

Field Woodrush **CPW** Luzula sylvestris Flixweed ν7 Descurainia sophia Fool's Parsley Aethusa cynapium GtCast **RWEgl** Fritillary Fritillaria meleagris

Garlic Mustard Alliaria petiolata v4, v5, v7, OC

Germander Speedwell Veronica chamaedrys v4, v7, BOQ, BW, CPW, GCast, KQ, MThorp, PC

Gipsywort Lycopus europaeus **RWEal** 

Glacous Sedge Carex flacca v7, CW, KQ, QF **Goat Willow** Salix caprea v5, v7, QF, RWEgI

Goatsbeard Tragopogon pratensis v4, v7, QF Goldilocks Buttercup Ranunculus auricomus v4, v7

Grass Vetchling Lathyrus nissolia MThorpe, Oak, RWEgl

Great Mullein CPW, CQ Verbascum thapsus

Great Willowherb Epilobium hirsutum v5, CPW, RNeg, KQ, QF

Greater Burnet Saxifrage Pimpinella major ٧7 Greater Celandine Chelidimium majus Ketton, Ald Greater Knapweed Centaurea scabiosa v4, BOQ

Greater Plantain v5, v7, QF, RWEgI Plantago major

**Greater Pond Sedge** Carex riparia **CPW** 

Greater Stitchwort BW, CPW, CW, HambW, PC Stellaria graminea

Ground Ivy Glechoma hederaceae v5, v6, v7, v16, BarnW, BW, CPW, KQ, OC, PC

Groundsel Senecio vulgaris v5, BW, CPW, GtCast, QF

Guelder Rose Viburnum opulus KQ, OC

Hairy Bittercress Cardamine hirsuta BarnsW, Emp

Hairy Tare Vicia hirsuta QF Hard Rush Juncus inflexus QF Harebell **BOQ** Campanula rotundifolia

Hazel Corylus avellana BarnsW, ClipYTA, CQ

Heath Bedstraw Galium saxatile **CPW** 

Hedge Bedstraw Galium mollugo v4, BOQ, CPW, QF

Hedge Bindweed Calystegia sepium v6, QF Hedge Mustard Sisymbrium officinale v7, GtCast Hedge Parsley Torilis japonica v7, CPW, QF Hedge Woundwort Stachys sylvatica v7, RWEgI Henbit Dead-Nettle Lamium amplexicaule GtCast

Herb Bennet v7, CPW, KQ, OC Geum urbanum

Herb Paris Paris quadrifolia PC, PGW

Herb Robert Ald, CPW, Kett, KQ, OC, PC Geranium robertianum

Hoary Plantain Plantago media v7, v5, BOQ, CPW Hoary Ragwort Senecio erucifolius v5, QF, RWEgI v4, v7, QF Hogweed Heraculeum sphondyllum

Hop Humulus Iupulus HM

Hop Trefoil v4, v5, v7, BOQ, QF Trifolium campestre

Horse Radish ν7 Armoracia rusticana Horseshoe Vetch **PGW** Hippocrepis comosa Hedera helix ν7 lvy Knapweed Broomrape Orobranche elatior ν7 Knotgrass Polygonium aviculare QF

Lady's Bedstraw Galium verum v4, BOQ, CQ Lesser Burdock Arctium minus v6, v7, BOQ

Lesser Celandine Ficaria verna v4, v6, v7, BarnsW, BW, CPW, CW, KQ, PC, RWEgI

Lesser Skullcap Scutellaria minor

Lesser Stitchwort Stellaria graminea v4, CPW, MThorpe, OC

Lesser Trefoil Trifolium dubium KQ Lords and Ladies Arum maculatum ٧7 Lucerne Medicago statiya ssp satava ν7 Male Fern Dryopteris filix-mas KQ Marsh Marigold Caltha palustris **RWEgI CPW** Marsh Ragwort Senecio aquaticus

Marsh Thistle BW, CPW, PC Cirsium palustre

Meadow Buttercup Ranunculus acris v4, v5, CW, KQ, PC Meadow Cranesbill v4, v5, v7, v16, BOQ Geranium pratensis Meadow Vetchling Lathyrus pratensis v4, v5, v7, BOQ, CQ, QF Meadowsweet Filipendula ulmaria v4, ClipYTA, CPW, PC

Midland Hawthorn Crataegus laevigata v7. PC Mistletoe Viscum album Ald, Kett

BarnsW, ClipYTA, CQ Moschatel Adoxa moschatellina

Mouse-ear Hawkweed Pilosella officinarum BOQ, KQ Mugwort Artemisia vulgaris HM, QF Musk Mallow **CPW** Malva moschata

Nipplewort v5, v7, CPW Lapsana communis

Oilseed Rape Brassica napus var oleifera ν4 Opposite-leaved Golden Saxifrage Chrysosplenium oppositifolium PC Osier Salix viminalis **RWEgI** 

Ox-eye Daisy Leucanthemum vulgare v7, BOQ, CPW, KQ, QF

Pedunculate Oak Quercus robur **RWEgl** Pepper Saxifrage MM Silaum silaus Perennial Rye Grass ν7 Lolium perenne Perennial Sow-thistle Sonchus arvensis **RWEgI** 

Perforate St John's Wort v4, v16, BOQ, BW, CPW, CQ, QF Hypericum perforatum

**Pignut** Conopodium majus **CPW** Pineapple Mayweed Matricaria discoidea v7, QF

BarnsW, BW, ClipYTA, CPW, KQ Primrose Primula vugaris

Purging Buckthorn Rhamnus cathartica **BOQ RWEgl** Purple Loosestrife Lythrum salicalia

Pyramidal Orchid Anacamptis pyramidalis BOQ, QF, Ryll

Briza media **Quaking Grass** v7, KQ Ragged Robin Silene flos-cuculi CPW. PC

Red Bartsia Odontites vernus v7, BOQ, CPW, QF

**Red Campion** Silene dioica BOQ, HambW, KQ, OC, PC, RWLr

**Red Clover** Trifolium pratense v4, v7, CPW, KQ

Red Deadnettle Lamium purpureum v5, v7, v16, GtCast, Oak

**CPW** Remote Sedge Carex remota

v4, v6, v7, KQ, PC Rest-harrow Ononis repens

Rhododendron BW Rhododendron ponticum Ribbed Melilot Melilotus officinaliis KQ

Ribwort Plantain v4, v7, CPW, MThorpe, RWEgl Plantago lanceolata

Rosebay Willow Herb Chamerion angustifolium v5, BOQ, CPW, PC, QF

Rough Sowthistle Sonchum asper v7, QF Salad Burnet Sanguisorba minor v7, BOQ, KQ

Salsify Tragopogon porrifolius **PGW** Sanicle KQ. PGW Sanicula europaea Scentless Mayweed Tripleurospermum inodorum BW, CPW

Prunella vulgaris Self Heal v6, v16, BOQ, CPW, KQ, PC, QF

Shepherd's Purse Capsella bursa-pastoris v7, GtCast, QF

v6, v7, CPW, KQ, MThorpe, PC, PGW, RWEgI Silver Weed Potentilla anserina

Skullcap Scutellaria galericulata **RWNT** Small Flowered Cranesbill Geranium pusillum ν7

**Small Scabious** v7, BOQ Scabiosa columbaria

Small-leaved Timothy Phleum bertolonii ν7 Smooth Hawksbeard Crepis capillari **BOQ Smooth Meadow Grass** Poa pratensis ν7

Smooth Sow-thistle Sonchus oleraceus v4, v7, CPW, GtCast, QF, RWEgI

Smooth Tare Vicia tetrasperma v7, QF ν7 Snow in Summer Cerastium tomentosum Snowdrop Galanthus nivalis ٧7 Soft Rush Juncus effusus QF **CPW** Southern Marsh Orchid Dactlyorhiza praetermissa

Spear Thistle v5, BOQ, ClipYTA, CPW Cirsium vulgare

Spiked Sedge **CPW** Carex spicata

Spindle Euonymus europaeus v6, v7, BOQ

Spurge Laurel ν7 Daphne laureola Square-stemmed Willowherb Epilobium tetragonum **CPW** Sulphur Clover Trifolium ochroleucon QF ν7 Sun Spurge Euphorbia helioscopia **Sweet Vernal Grass** Anthoxanthum odoratum **CPW** Sweet Violet Viola odorata v4, v7 ν7 Sycamore Acer pseudoplatanus Thale Cress **CPW** Arabidopsis thaliana Thin Spiked Woodsedge Carex strigosa **CPW** Three-nerved Sandwort Moehringia trinerva PC Thyme-leaved Sandwort Arenaria serpyllifolia GtCast Thyme-leaved Speedwell Veronica serpyllifolia CPW, KQ Timothy Phleum pratense v7, QF v7, BOQ Tor Grass Brachypodium pinnatum

Upright Hedge Parsley Torilis japonica v4, v5, v7, BOQ, CPW, CQ, QF

НМ

v7, v16

Viper's Bugloss Echium vulgare KQ Walnut Juglans regia ν7 Wasp Orchid Ophrys apifera var trollii **BOQ** 

Clematis vitalba

Vicia cracca

Travellers' Joy

**Tufted Vetch** 

Water Avens Geum rivale CPW, CW, PC, PGW

Water Horsetail Equisetum fluviatile PC

Water Mint CPW, PC, RWEgI Mentha aquatica

Wavy Bittercress Cardamine flexuosa **CPW** Wayfaring Tree Viburnum lantana ν7

Reseda luteola CPW, CQ, QF Weld

White Bryony Bryonia dioica v7, BOQ

White Campion Silene latifolia v7, BOQ, CPW, KQ

White Clover Trifolium repens v4, v7, BOQ, CPW, KQ, QF

White Comfrey Symphytum orientale GtCast

White Deadnettle Lamium album v4, v5, v6, BW, CPW, GtCast, HambW, KQ, OC, PC, QF

Wild Angelica Angelica sylvestris CPW, CQ, PC Wild Basil Clinopodium vulgare BOQ, CQ

Wild Carrot Daucus carota v5, QF, RWEgl, Ryll

Wild Garlic Allium ursinum **PGW** 

Wild Liquorice Astralagus glycyphyllos v7, CQ, Ryll

Wild Marjoram Origanum vulgare v7, v16, BOQ, CPW, KQ Wild Mignonette Reseda lutea v4, v6, v7, BOQ, CQ Wild Parsnip Pastinaca sativa V16, BOQ, CQ, KQ

Wild Privet Ligustrum vulgare v7, QF

Wild Teasel v16, CPW, KQ, QF Dipsacus fullonum

Wild Thyme Thymus polytrichus BOQ, KQ

Winter Heliotrope Petasites fragrans OC Wintercress Barbera vulgaris ν7

Wood Anemone Anemone nemorosa BarnsW, CPW, PC

Wood Avens v5, v7 Geum urbanum Wood Sedge Carex sylvatica KQ Wood Sorrell PC Oxalis acetosella Wood Speedwell BW, PC Veronica montana Woodruff CPW, PGW Galium odoratum Woody Nightshade Solanum dulcamara **RWEgl** 

Woolly Thistle Cirsium eriophorum CQ, v16, KQ

**Quaking Grass** Briza media ٧7

Yarrow Achillea millefoeium v4, v5, v6, v7, v16, BOQ, ClipYTA, CPW, QF

Yellow Archangel Lamiastrum galeobdolon HambW, PC

Yellow Birds-nest Monotropa hypopitys KQ Yellow Rattle Rhinanthus minor **BOQ** 

Yellow-wort Blackstonia perfoliata v16, BOQ, CQ, QF

Yorkshire Fog Hulcus lanatus v7, BOQ, QF

Trifolium medium ν4 Zigzag Clover